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### contents

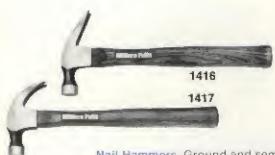
pa	ge
Striking Tools Hammers	6, 6
Axes	.5
Punches Ripping Bars Tack Claw Nail Pullers	.7
Cutting Tools	11
Saws 8, 9, 10, Mitre Boxes 8, 9, 10, Hack Saw Blades Chisels 12, Glass Cutter Tubing Cutters Planes Shears Utility Knives/Blades	12 13 13 13 14 14
Boring Tools  Drills/Bit Braces  Bits/Awls	16 17
Fastening Tools Screwdrivers	18 23 21 23
Measuring/Layout Tools       25,         Tapes       26,         Rules       26,         Squares/Bevels       27,         Levels       28,         Misc. Layout Tools	28 28 29
Finishing Tools Putty Knives/Scrapers Lingleum Trowel	.31
Tool Boxes	32
Vises	.32
Misc. Tools	.33
Other Tool Products	34
Model Number Index	35

### hammers



Nail Hammers. Fully polished head with full octagon pattern. Steel wedged selected hickory handle.

Cat. No.	Head Weight	Claw	Overall Length	Master Pack	Unii Pack
9751	13 oz.	curved	121/2"	36	6
9752	16 oz.	curved	13"	36	6
9754	20 oz.	curved	13% "	36	Б
9755	20 oz.	straight	1334 "	36	6



Nail Hammers, Ground and semi-polished forged heat treated alloy head. Hardwood handle.

Cat. No.	Head Weight	Claw	Overall Length	Master Pack	Unit Pack
1416	16 oz.	straight	13"	48	4
1417	16 az.	curved	13"	48	4



Cat. No.	Head Weight	Claw	Overail Length	Master Pack	Unit Pack
9696	22 oz.	straight	15% "	36	6
9699	28 pz.	straight	18"	36	4



Tubutar Steel Hammers. Heat treated steel head for extra toughness. Chrome plated handle with contoured, tough vinyl grip.

Cat. No.	Head Weight	Claw	Overall Length	Master Pack	Unit Pack
9135	13 oz.	curved	13"	24	4
9136	16 oz.	curved	13"	24	4
9137	20 oz.	curved	13½"	2,4	4
9138	16 oz.	straight	13"	24	4
9139	20 oz.	straight	131/2"	24	4



Fiberglass Handled Nail Hammers. Heat treated, octagon shaped head. Red fiberglass handle with a contoured and perforated grip

Cat. No.	Head Weight	Claw	Overall Length	Master Pack	Unit Pack
9275	13 oz.	curved	13"	24	4
9276	16 oż.	curved	13"	24	4
9277	20 oz.	curved	13"	24	4
9278	16 oz.	straight	13"	24	4
9279	20 oz.	straight	13"	24	4



All Purpose Nail Hammer, Hardwood handle; ground face and nail slot.

Cal. No.	Head Weight	Claw	Overall Length	Master Pack	Unii Pack
9916	16 oz.	curved	1314"	36	6

### hammers, axes and hatchets



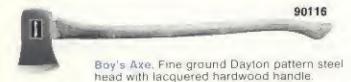
Cal No.	Blade Width			Unit Pack	
9255	31/2"	13"	24	4	



Cat. No. Blade Width		Overail	Master	Unit	
		Length	Pack	Pack	
9258	21/4"	13"	24	4	



Cat. No	Blade Width	Overall Length	Master Pack	Unil Pack
9257	134"	131/2	36	4



Cal. No.	Head	Blade	Handle	Master	Unit
	Weight	Width	Length	Pack	Pack
90116	21/4 lb.	4"	28"	36	2

Man's Axe. Fine ground Michigan pattern steel head with lacquered hardwood handle.

Cat. No.	Head	Blade	Handle	Master	Unit
	Weight	Width	Longth	Pack	Pack
90117	3 1/2 lb.	4"	36"	24	2



Cal No.	Head	Overall	Master	Unit
	Weight	Length	Pack	Pack
9757	24 oz.	1134 "	24	4



Cat. No.	Head	Overall	Mester	Unit
	Weight	Length	Pack	Pack
9758	24 oz.	1134"	24	.4



Fitter's Hammers, Forged steel head. Rust resistant black finish. Durable hickory handle.

Cat. No.	Head Weight	Overall Length	Master Pack	Unit Pack
9280	4 oz.	1411	24	6
9281	9 oz.	14"	24	6
9282	16 02.	14"	24	6
9283	2 lb.	16''	16	4
9284	3 lb.	16"	16	4
9285	4 lb.	16"	16	4



House Axe. Precision forged and polished quality tool steel head. Steel wedged durable hickory handle.

Cat. No.	Head	Blade	Handle	Master	Unit
	Weight	Width	Length	Pack	Pack
9261	21/4 lb.	4"	19"	24	6

# hammers, nail sets and punches



Magnetic Tack Hammer. Forged head, black finish, polished faces, hickory handle. Magnetic tip.

Cat. No.	Head	Length	Master	Unit
	Weight	Overall	Pack	Pack
9140	5 oz.	1032	72	6



Ball Pein Hammers. Drop forged, high carbon steel tempered head. Rim tempered face minimizes chipping. Hickory handle. Polished ball pein and face.

Head Weight	Overall Length	Master Pack	Unii Pack
8 02.	12"	24	5
12 oz,	13.	24	6
16 oz.	14"	24	6
24 oz.	15 1/2 "	24	6
32 oz,	16"	24	6
	Weight 8 oz, 12 oz, 16 oz, 24 oz.	Weight   Length	Weight         Length         Pack           8 oz.         12"         24           12 oz.         13"         24           16 oz.         14"         24           24 oz.         15½"         24



Hand Drilling Hammers. Hardened, tempered steel head with machined and polished faces, treated with rust preventative. Hickory handle.

Cat, No.	Head Weight	Handle Length	Master Pack	Unii Pack
90011	2 lb.	101/2"	25	5
90012	з 15.	101/2"	25	5
90013	4 15.	101/2"	25	5



Double Face Mechanic's Hammers. Hardened, tempered steel, double-faced heads with machined and polished faces, treated with rust preventative. Hickory handle

Cat, No.	Head Weight	Handle Length	Master Pack	Unit Pack
90014	2 lb.	16"	25	5
90015	3 lb.	16"	25	5
90016	4 lb.	16"	25	5



Sledge Hammers. Hardened, tempered steel head with machined and polished lace, treated with rust preventative. Hickory handle.

Cat No.	Head Weight	Handle Longih	Master Pack	Unit
90017	6 lb.	36"	25	5
90018	8 lb.	36"	25	5
90019	10 lb.	36"	15	5
90020	12 lb.	36~	15	5



Center Punches. One piece alloy steel hardened and tempered. Round knurled shank with square head to prevent rolling.

Cat. No.	Stock Size	Overall Length	Master Pack	Unit Pack
460	%i"	4"	144	12
460C	K(**	4"	144	12



Nail Sets. One piece steel tempered for long life.

Cat. No.	Tip Diameter	Overall Langth	Master Pack	Unii Pack
801	1/2"	4"	240	12
801C	1/2"	4"	240	10
802	No"	4"	240	12
802C	Xi"	4"	240	10
803	3/12"	4"	240	12
803C	15°	4"	240	10
804	Va "	4"	240	12
804C	Ув "	4"	240	10
805	¥2"	4"	240	12
805C	122 "	4"	240	10



Nail Set Pack. Assortment of three nail sets. One each Models 801, 802, 803. Carded.

Cat. No.	Tip	Master	Unit
	Diameters	Pack	Pack
833C	142 - He . 352	240	10

### ripping bars and nail pullers



Tack Claw. Forged claw with bevel ground blade. Handy for any size tacks, brads. Carded.

Cat. No.	Lengih	Master	Unit
	Overali	Pack	Pack
9211C	7"	84	6



Utility "Pry Baby." Heavy spring tempered alloy steel for prying, pulling and scraping. Ground edged and recessed nail slots.

Cat. No.	Stock	Overall	Master	Unit
	Size	Length	Pack	Pack
708	1/4 " x 1 % "	14"	70	10



418

Ripping Bar. Drop forged tool steel. Ground chisel blade and dual nail slot.

Cal. No.	Shank	Overall	Master	Unit
	Size	Length	Pack	Pack
418	11/16"	1734"	48	4



Wrecking Bars. Heavy duty forged alloy steel.

Cat. No.	Shank Sire	Overall Length	Master Pack	Unit Pack
90031	56 "	18"	100	10
90032	<b>%</b> "	24"	100	10
90033	96 *	30"	100	10

90033



Nail Puller, Rugged, malleable iron ram, cadmium plated, heat treated, drop forged steel ram bar, ground claws.

Cal. No.	Weight	Overall Length	Master Pack	Unit
3775	3.8 lb.	171/2"	24	2



Nail Puller. Hot forged, heat treated tool steel with % hex shank. Non slip cushion grip handle.

Cal. No.	Shank	Overall	Master	Unit
	Size	Longth	Pack	Pack
212-11	1/6"	101/2"	72	12



Offset Chisel. 90° offset chisel claw for pounding, angle chisel prying claw with three beveled nail slots for powerful prying. Drop forged tool steel, with heat treated shank ends.

Cat. No.	Shank Size	Overall Length	Puck	Unit Pack
118	3/4 "	17"	72	4

INGERSOLL-RAND

# saws and mitre boxes

9308



Professional Crosscut Saws. First choice of the professional carpenter. Highest quality Chrome Nickel Alloy Steel blade features full taper ground to prevent binding. Blade expertly tempered, hardened and highly polished for ultimate cutting ease. Teeth are precision bevel filed. Contoured handle of finest hardwood.

Cal. No.	Overall Length	Point /Inch	Style	Master Pack	Unit Pack
9308	26"	8	crosscut	20	2
9310	26"	10	crosscut	20	2

9005



Deluxe Saws. Designed for the frequent user. Special saw steel blade is fully polished and bevel filed for faster cuts. Wood handle.

Cat. No.	Overall Length	Point /inch	Siyla	Master Pack	Unit Pack
9005	26"	5 1/2	ripping	24	2
9008	26"	В	crossou!	24	2
9010	26"	10	crossout	24	2

2210



Crosscut Saws. High quality ground and tempered blade. Contoured wood handle.

Cat. No.	Overall Length	Point /Inch	Style	Masier Pack	Unii Pack
2208	26^	8	crossout	40	4
2210	26"	10	crosscut	40	4

2010



Tool Box Size. Filed and set for all purpose sawing. Contoured wood handle, Short profile to fit most tool boxes.

Cat. No.	Overall Length	Point /Inch	Style	Master Pack	Unit Pack
2010	20"	10	crosscut	40	4

90088



Hand Saw. Fine tempered, alloy steel blade with black plastic handle, Ideal for all-around home and hobby use.

Car. No.	Overall Length	Point /Inch	Style	Master Pack	Unit Pack
90088	26"	8	crosscut	50	10



90009

Mitre Box Kit. Includes 12" back saw of tempered alloy steel with file sharpened blade and 12" long rock maple mitre box, kiln dried, Handles stock a full 4" wide. Cuts 45° and 90° mitres.

Cal. No.	Bed Size	Master Pack	Unit Pack	Repl. Saw No.
90009	12" long x 5" wide	24	1	90098



90104

Mitre Boxes. Kiln dried rock maple mitre box with 5" wide lipped front to hold box to work bench.

Cal. No.	Bed Size	Master Pack	Unit Pack
90104	12" long x 5" wide	144	12
90105	16" long x 5" wide	72	6



Replacement Back Saws. Fine back of tempered alloy steel with hardwood handle. For use with Model 90104, 90105, 90009 Mitre Boxes.

Cat. No.	Saw Size	Master Pack	Ųnii Pack
90098	12" x 3¼"	24	6
90099	14" x 31/4"	24	6

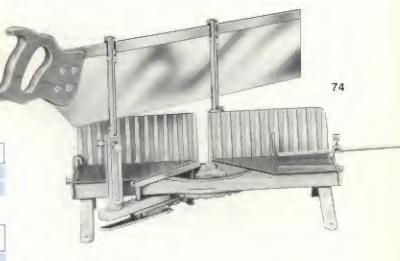
### saws and mitre boxes

Deluxe Steel Mitre Boxes With Back Saw. Millers Falls Mitre Boxes, world famous for quality, offer years of rugged, accurate performance. One piece cast iron bed and back for strength. Offset steel legs for improved stability. "Oilite" bearing saw guides. Steel swing lever and posts. Graduated arc and index plate. Extendable swing lever travels freely from 45° to 90°, right or left, and locks at any desired angle (automatic locks at 0°, 9°, 22½°, 30° and 45°, right or left). Automatic catch holds saw elevated when desired. Length gauge and acute angle adjustment are standard.

Cat. No.	Saw Size	Capacity	Master Pack	Unit Pack
74	28" x 5"	10%" at 90°, 7¼" at 45°	6	1
76	30" x 6"	10%" at 90°, 7%" at 45°	6	t

### Replacement Back Saws.

Çat. No.	Saw Stze	Fits Milre Box No.	Master Pack	Unit Pack
40022-04	28" x 5"	74	10	1
4D022-08	30" × 6"	76	10	1

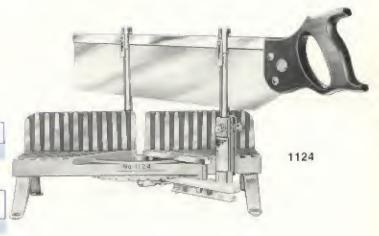


Mitre Box with Back Saw. Patterned after the Deluxe Steel Mitre Box, but smaller. Most accurate mitre box of its size on the market. One piece cast iron bed and back. Legs are offset so box will not tip when saw pressure is applied. Swing lever (45° to 90°, right or left) automatically locks in most used angles. All exposed parts except saw nickel plated for longer life. Automatic catch holds saw elevated when desired.

Cat. No.	Saw Size	Capacity	Master Pack	Unit Pack
1124	24" x 4"	8%" at 90°, 6" at 45°	6	1

### Replacement Back Saw

Cal. No.	Sew	Fits Mitre Box No.	Mäster Pack	Unit Pack
40022-01	24" x 4"	1124	10	1



### saws

499C



Rotating Blade Drywall Saw. Blade rotates and locks in eight positions Ideal for cutting openings for outlet, switch and wall fixtures. Carded.

Cal. No	Leagth	Tooth /Inch	Master Pack	Unit Pack	Repl. Blade No.
499C	55g	9	72	4	149

Drywall Saw Replacement Blade. For use with Model 499C Drywall Saw.

Cat. No	Blade Length	Teelh	Master Pack	Unit Pack
149	51/2	9	100	10

341



Compass Saw. For inside straight and curve cutting in wood and plywood. Filed and set 12" blade included. Hardwood handle.

Cal. No.	Blade Length	Teeth /Inch	Master Pack	Unii
341	12"	7	80	10

Compass Saw Replacement Blades. For use with 341 Compass Saws.

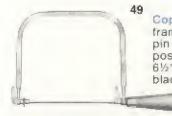
Cat No.	Blade Length	Teeth /Inch	Master Fack	Unit Pack
A12	12"	7	100	10
R14	14"	7	100	10



Coping Saw. Rustproof frame with plastic handle. Includes four 61/2" blades.

Cat No.	Throat Depth	Master Pack	Pack
45C	43/4"	48	6

"C" Denotes carded or packed in vinyl pouch.



Coping Saws. Plated steel frame. Hardwood handle, 6%" pin end blade rotates to any position. Accommodates all 6%" pin-end or lock-loop blades. Blade included.

Cat. No.	Throat Depth	Master Pack	Unit Pack
52		100	10
49	6¾"	48	6

Coping Saw Replacement Blades. Heavy duty pin end. For use with Model 45C, 49, 52 Coping Saws. Uniformly heat treated with accurately set teeth for fast, clean cutting.

Cat. No.	Blade Length	Master Pack	Unit Pack
65	61/2"	144	12
65C1	61/2 "	200	20

\*Packed five per card





Nest of Saws. Contains handle plus three blades; Cat. No. 109, 249, and 279. Carded.

Cal No.	Length	Teeth /inch	Style	Master Pack	Unit Pack	Repl. Blade No
995C	12"	10	Combination	72	4	109
	12°	24	Metal			249
	12"	7	Wood			279

Replacement Blades. For use with Model 995C.

Cal. No.	Length	Teeth /Inch	Styln	Master Pack	Unii Pack
109	12"	10	Combination	100	10
249	12"	24	Metal	100	10
279	12"	7	Wood	100	10

### hack saws



industrial Frame Hack Saw. Rigid steel frame with high impact molded handle. Frame easily adjusts for 8", 10" and 12" blades. Four blade positions ideal for left, right, vertical and flush cutting. Plated.

Cal. No.	Depth of Gut	Capacity	Master Pack	Unit Pack
48	31/4"	8", 10", 12"	24	2



Heavy Duty Industrial Frame. Heavy gauge rigid steel frame with contoured handle and hand guard. Four-position blade adjustment for left, right and vertical cutting. Frame easily adjusts for 8", 10" and 12" blades. Blade included.

Cat. No.	Depth of Cul	Capacity	Master Peck	Unit Pack
84	3 1/4 "	8", 10", 12"	24	1



Professional Deep Throat Frame Hack Saw. Extra capacity 4%" depth of cut for professionals. Blade tension lever for positive guide tensioning adjustable for 10" and 12" blades. Four blade positions—ideal for left, right, vertical and flush cutting. Molded handle with hand guard.

Cal. No.	Depth of Cut	Capacity	Master Pack	Unit Pack
300-01	414"	10", 12"	24	1



Tubular Frame Hack Saw, Die-cast handle with checkered inserts for firm grip. Tubular frame for strength and lightness. Adjustable for 10 or 12 inch blades. Blade included.

Cat. No.	Depth of Cut	Capacity	Master Pack	Unit Pack
1414	3% -	10", 12"	48	1



Pistol Grip Frame Hack Saw. Shatter resistant pistol grip handle, reinforced back. Four blade positions, Frame easily adjusts for 8", 10" and 12" blades. Blade included.

Cat. No.	Depth of Cut	Capacity	Master Pack	Unit Pack
1237	3%	8", 10", 12"	48	2



Adjustable Economy Hack Saw. Accommodates 8", 10" and 12" blades, 3\%" throat depth. Light duty steel stamped frame with plastic handle. Blade included.

Cal. No.	Depth of Cul	Capacity	Master Pack	Unit Pack
90065	3%"	8", 10", 12"	72	12



Fiex-Saw. Die cast metal handle. Baked enamel finish. Uses any kind of hack saw blade. When extended, cuts flush. Patented clamping action to hold blade firm. Blade included. Carded.

Cat. No.	Overall	Master	Unit
	Longth	Pack	Pack
9375C	101/2"	72	6



Versa Hack. Formed steel designed for hard-to-get into areas. Red vinyl comfort grip handle. Flexible blade recommended. Blade included. Carded.

Cat. No.	Length	Master	Unit
	w/o Blade	Pack	Pack
9376C	8 Vz "	144	12

### hack saw blades and chisels

BLU-MOL® High Speed Hack Saw Blades. Blu Mol molybdenum high speed steel. Fully heat treated to resist wear and cut all metals efficiently. Recommended for applications involving firmly held work. Standard set on 14 and 18 tooth. Wavy set on 24 and 32 tooth.

Cat. No.	Lgth.	Teeth/ in.	Width	Thick- pess	Menter Pack	Unit Pack
1018M	to"	18	1/2 "	.025	100	100
1024M	10"	24	1/2 "	.025	100	100
1032M	10"	32	₹2 °	.025	100	100
1214M	12"	14	1/2 "	.025	100	100
1218M	12"	18	V2 "	.025	100	100
1224M	12"	24	1/2 "	.025	100	100
1232M	12"	32	V2 "	,025	100	100

BLU-FLEX® High Speed Hack Saw Blades. Blu-Flex high speed molybdenum, shatter-resistant heat treated hard teeth with super-flexible back. Recommended when work cannot be firmly secured. Standard set on 14 and 18 tooth. Wavy set on 24 and 32 tooth.

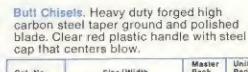
Cat. No.	Lgih.	Teeth/	Width	Thich-	Master Pack	Unit Pack
1018BF	10"	18	1/2 "	.025	100	100
*1024BF	10"	24	1/2"	,025	100	100
1032BF	10"	32	V2 "	.025	100	100
1214BF	12"	14	1/2 "	.025	100	100
'1218BF	12"	18	V2 "	.025	100	100
1224BF	12"	24	½ ~	.025	100	100
*1232BF	12"	32	Yz "	.025	100	100

'Also available I per plastic slepve, 20 sleeves per box To order letter S mixst procede Cat No Example, S10189F

TUF-FLEX\* Hack Saw Blades. Super tough, super flexible patented alloy. Heat treated to resist breakage and tooth strippage. Best suited for light to medium duty general cutting. Standard set on 14 and 18 tooth. Wavy set on 24 and 32 tooth.

Cat. No.	Lgth.	Teeth/	Width	Thick-	Master Pack	Unit Pack
53FH	10"	18	1/2 "	.025	100	100
63FH	10"	24	1/2"	.025	100	100
73FH	10"	32	1/2"	.025	100	100
45FH	12"	14	3/2 "	.025	100	100
55FH	12"	18	1/2 "	.025	100	100
65FH	12"	24	V2 "	.025	100	100
75FH	12"	32	1/2"	.025	100	100

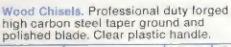
"C" Denotes carded or packed in vinyl pouch.



Cal. No.	Size/Width	Master Pack	Unit Pack
30-01	1/4 "	48	6
30-01C	V4 "	48	- 6
30-02	% "	48	6
30-02C	验"	49	6
30-03	₩2 <sup>™</sup>	48	6
30-03C	V2 "	48	6
30-04	5·自"	48	Ģ
30-04C	54 "	48	6
30-05	34 "	48	6
30-05C	3/4 "	48	6
30-06	1"	48	6
30-06C	1"	48	6
30-07	154"	48	6
30-07C	11/4 "	48	6
30-08	1 1/2 "	24	6
30-08C	11/2"	24	6
30-09	2'	24	6
30-09C	2"	24	6

3034C Butt Chisel Set. Assortment of four Series 30 Butt Chisels in protective plastic pouch.

Cat. No.	Sizes Included	Master Pack	Pack	
3034C	74", 1/2", 34" and 1"	24	4	





1434C Wood Chisel Set. Assortment of four Series 1430 Wood Chisels in protective plastic pouch. Carded.

Cal. No.	Sizes Included	Pack	Pack
1434C	14", ½", 14" and 1"	24	4



# chisels, glass cutter and tubing tools





All Steel Wood Chisels. Drop forged tool steel with tempered working edge.

Cat. No.	Size	Overall Length	Master Pack	Unit Pack
1470	½"	71/2"	24	4
1471	0,4 "	814"	24	4
1472	1"	8% "	24	4

All Steel Wood Chisel Set. Contains one each Models 1470, 1471, 1472 Chisels; packed in durable vinyl pouch.

Cat. No.	Description	Master Pack	Unit Pack
1473C	3 piece wood chisel set	24	4

1156C

Cold Chisels. High quality tools, built for industrial use. Hammer forged from high grade steel, hardened and tempered for long cutting and durability. Black lacquer finish. Heads and bits fully polished. Carded.

Cat. No.	Size	Master Pack	Unit Pack
1151C	1/4 "	72	12
1152C	% "	72	12
1153C	1/2 "	72	6
1154C	₽₽ "	7.2	6
1155C	₹4 <sup>11</sup>	48	6
1156C	1"	48	3



Glass Cutter. Heavy cast iron cutter shaped to fit fore finger and thumb. Painted body with ground steel wheel. Three breaker notch widths. Carded.

Cat. No.	Length	Master Pack	Unit Pack
337C	5″	144	12



90061C

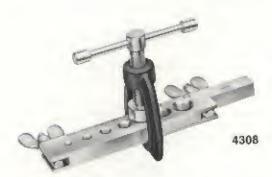
Mini-Tubing Cutter. Specially designed for cutting copper, brass, aluminum and thin wall sleel conduit in close quarters. Cuts 1/6" to 5%" outside diameter tubing. Carded.

Cat. No.	Capacity	Master Pack	Unit Pack
90061C	Va" to 5/a"	60	6



Tubing Cutter, Hardened alloy steel blade and special flare cut-off rollers, Retractable reamer blades.

Cat. No.	Capacity	Maşter Pack	Unit
4307	Vs" to 1 Vs"	50	1



Tubing Flaring Tool. Ball bearing mounted. Tapered cone. Can be used with \%" to \%" tubing.

Cal, No.	Capacity	Macter Pack	Unit Pack
4308	K" to %"	24	1
	45° flare		

### planes and shears



General Purpose Block Plane. 20° angle, high quality tool steel cutter. Polished bottom. Great for smoothing rough edges, drill holes, beveling, etc.

Cat. No.	Length	Cutter Width	Master Pack	Unit Pack
8707	7"	156 "	40	1



Fully Adjustable Bench Jack Planes. Polished bottom, high quality tool cutter. Easy side and depth adjustment.

Cat. No.	Length	Cutter Width	Master Peck	Unit Pack
8900	9"	2"	20	i
9814	14"	2"	10	1



Fully Adjustable/High Angle Block Plane. High angle, adjustable throat. Screw depth adjustment. Highest quality tool steel cutter with milled sides and bottom.

Cat. No.	Length	Cutter Width	Master Pagk	Unit Pack
56	6"	156 "	20	- 1



Fully Adjustable Block Plane. Cap with lever cam took. Screw depth adjustment. High quality tool steel cutter with polished sides and bottom.

Cat. No.	Length	Culter Width	Mealer Pack	Unit Pack
75-01	7"	156"	40	1



9033C

Mini-Plane. Ideal for model making, sculpture and other close quarter work. Carded.

Cal. No.	Leagin	Culter Width	Master Pack	Unit Pack
9033C	31/4"	1"	50	2



Metal Cutting/Straight Shears, Drop forged, hollow ground and heat treated. Straight pattern, Carded.

Cat, No.	Length	Culling Edge	Master Pack	Unii Pack
3911C	7"	2"	72	3
3912C	10"	2%"	36	3
3913C	1234"	3*	36	3



Metal Cutting/Circular Shears. Drop forged, hollow ground and heat treated. Circular pattern. Carded.

Cat. No.	Length	Culling Edge	Master Pack	Unit Pack
3914C	7"	2"	72	3
3915C	10"	2% "	36	3
3916C	12%	3"	36	3



Aviation Type Snips. Powerful aviation type snips will cut metals up to 18 gauge. Blade has serrated edges for faster, easier cutting. Contoured plastic grip. Drop forged, 10" length. Available in straight, left and right cutting styles. Carded.

Cat. No.	Length	Cut	Master Pack	Unit Pack
3917C	10"	Left curve	36	2
3918C	10"	Right curve	36	2
3919C	10"	Straight	36	2

"C" Denotes carded or packed in vinyl pouch.

INGERSOLL-RAND

### knives



Linoleum Knife, Taper ground plated quality steel blade. Comfortable wood handle, Carded.

Cat. No.	Length	Mester Uni Pack Pac
115C	7 ½ "	B4 6



91110

Retractable Blade Utility Knife. Die cast handle, three locking positions. Handle provides blade storage and hole for hanging.

Cat, No.	Overall	Masier	Unh
	Length	Pack	Pack
9111C	6"	150	10



Fixed Blade Utility Knives. Die-cast handle contains two extra blades. Three positions for scoring, carton opening and deep cutting. Hang hole.

Cat. No.	Overall Length	Master Pack	Unit Pack
9333	5∜\$″	150	10
9333C	5%"	150	10



Tini-Knife, Pocket size, adjusts to three positions. Locks for safety. Spare blade in handle. Handy key chain, Carded,

Cat. No.	Overall	Master	Unit
	Length	Pack	Pack
266C	3"	144	12

"C" Denotes carded or packed in vinyl pouch.



9318C

Utility Knife Replacement Blades, For use with Model 9333, 9333C and 9111C Utility Knives. Tempered, ground with three notches. Five blades per package or card.

Cat. No.	Gauge	Master Pack	Unit Pack
3318	Standard .018 inch	1M	100
9318C	Standard .018 Inch	100 cds.	20 ods.
3325	Heavy duty .025 Inch	1M	100
9325C	Heavy duty ,025 Inch	100 cds.	20 cds.



90006C

Utility Knite Blades. Package of five extra heavy duty blades. For Model 9333, 9333C Utility Knives. Designed to fit most standard size Utility Knives. Double honed alloy steel, Carded.

Cet. No.	Gauge	Master Pack	Unii Pack
90006C	Heavy Duty .025	144 cds	12 cds.



6618C

Utility Knife Hook Shaped Blade, For use with Millers Falls and many other makes of Utility Knives. .018 inch for Model 9333, 9333C Utility Knives. Adjusts to two positions. Five blades per card. Carded.

Cal. No.	Geuge	Master Pack	Unit Pack
6618C	.018	100 cds.	20 cds.



268C

Miniature Utility Knife. Four self-locking positions, blade extends \%". Extra blades in handle. Carded.

Cat. No.	Length	Master Pack	Unit Pack
269C	234"	144	10



90008C

Miniature Utility Knife Blades, Package of five replacement blades for use with Model 266C and 268C Utility Knives. Double honed alloy steel, Carded.

Cat, No.	Gauge	Master Pack	Unii Pack
90008C	.018	144 cds.	12 cds.

### drills and braces



Professional Automatic Drills. Quick action chuck tocks point securely. Handle holds up to 8 points. Indexed by size and gauge. 8 points included.

Cat. No.	Length	Master Pack	Unit
185	10"	20	1
185C	10"	20	1

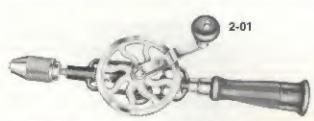


8 Pc. Drill Point Set. Includes one each of following points. Packed in plastic vial.

Cat. No.	Size	Master Pack	Unit Pack
401C	%, %, %, %, %, %, and %,	50	1

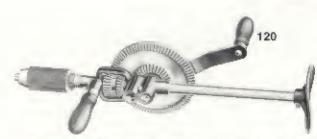
4 Pc, Drill Point Sets, Assortment of four different size points. Carded.

Cat. No.	Size	Master Pack	Unit Pack
1234C	16", 364", 352", 364"	150	10
5678C	Va", %4", 512", 1%4"	150	10



Hand Drill. Sturdy frame with 4½:1 gear ratio. Hardwood handle holds eight drill points 1/6" through 1½".

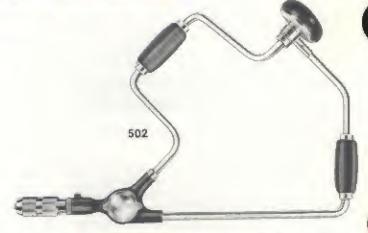
Cat. No.	Chuck	Master	Unit
	Capacity	Pack	Pack
2-01	3/9 "	20	1



Breast Drill. 3-jaw 1/2" capacity chuck. Two speed ratios — 3:1 and 1:1. Steel pinions.

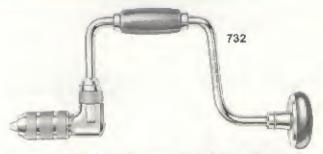
Cal. No.	Chuck Capacity	Length	Master Pack	Unit
120	V2 "	16"	10	- 1

"C" Denotes carded or packed in vinyl pouch.



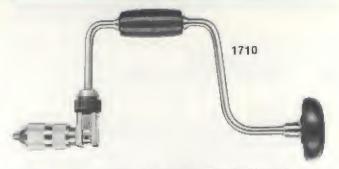
Corner Brace. Designed for boring in corners against walls and beams, Machine cut exposed gears. Nickel plated.

Cat. No.	Sweep	Mester Pack	Unit Pack
502	10"	20	2



Professional Ratchet Braces. First choice of carpenters and professionals. Boxed ratchet and self-centering chuck. Holds round or square bits from 1/2", Ball bearing head and sweep. Steel collar.

Cat, No.	Sweep	Master Pack	Unit Pack
73D	14"	24	2
731	12"	24	2
732	10"	24	2

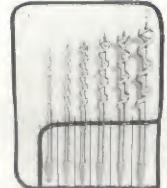


Bit Brace. Open ratchet bit brace with hardwood head and handle. Nickel plated sweep. Pin alligator laws.

Cal. No.	Sweep	Master Pack	Unit Pack
1710	10"	40	2

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## bits and awls



4416

Auger Bit Sel. Six bits. One each in sizes ¼", ¾", ½", ½", ¾" and 1" in plastic roll. Made from special analysis auger bit steel, highly polished finish. Balanced cutting head with medium fast screw pitch. Heat treated and tempered. Open throat design gives quick clearance of chips to prevent clogging and binding.

Cal. No.	Weight	Master Pack	Unit Pack
4416	1½ lb.	R	1



Solid Center Auger Bils. Steel, highly polished finish. Heat treated and tempered.

Cat. No.	Size	Master Pack	Unit Pagk
4004	V <sub>4</sub> "	12	6
4006	34.0	12	5
4008	1/2"	12	6
4010	5411	12	6
4012	3½11	12	6
4016	111	12	6

"C" Denotes carded or packed in vinyl pouch.

35-18

Extension 8th. Follow through 1% or larger. Replaceable laws hold shank or square socket.

Cat. No.	Longth	Master Pack	Unit Pack
35-18	18"	75	1



Screwdriver Bits. For use with all Millers Falls and other make braces. For slotted head screws.

Cal. No.	Blade Diam.	Master Pack	Unit Pack
351-01	1/4 "	144	12
351-02	56"	144	12
351-03	3/B **	144	12



Awls. Alloy steel blade firmly set in hardwood handle. 2%" hardened and tempered point.

Cat. No.	Length	Masier Pack	Unit Pack
10	4%"	144	12
10C	44%"	144	12



Awls. Forged and tempered heavy duty blade runs through handle and locks into steel head. 3%" polished point. "C" denotes carded.

Cal. No.	Length	Master Pack	Unit Pack
365	7"	144	6
365C	7"	144	12

Series 4400 Professional Quality Screwdrivers. Chrome vanadium blade with cross ground tip and rust proof finish. Black rubber cushion grip securely interlocked to durable amber plastic handle to give maximum turning power. Patented design for extra comfort.





Cat. No.	Description	Master Pack	Unit Pack
4455	≖1 Point 3" Blade	72	6
4456	#2 Point 4" Blade	72	6
4457	#3 Point 6" Blade	72	6



Electrician's Round Shank.

Cal. No.	Description	Master Pack	Unii Pack
4464	4" Blade 1, " Shank	72	6
4465	6" Blade 1, Shank	72	6



Mechanic's Round Shank.

Cat. No.	Description	Maeter Pack	Unit
4450	3" Blade 1 Shank	72	6
4451	4" Blade W Shank	72	6
4452	6" Blade %" Shank	72	6
4453	8" Blade % Shank	72	6



Mechanic's Square Shank.

Cal. No.	Description	Master Pack	Unit Pack
4459	4" Blade ¼" Shank	72	6
4460	6" Blade 1, Shank	72	6
4461	8" Blade % " Shank	36	6
4462	10" Blade %" Shank	36	6



Stubby Phillips

Cat. No.	Description	Master Pack	Unit Pack
1350	#2 Point 115 Blade	72	6



4217C Nut Driver Set

Stubby Square.

Cat, No.	Description	Master Pack	Unit Pack
4453	115 " Blade Va" Shank	72	6



677-08

4454

Nut Drivers. Specially designed shaft withstands high torque. Hollow shaft accommodates the longest of studs. Both socket and shafts machined from high grade steel, heat treated. Corrosion resistant nickel chrome finish. Full fluted handle, color-coded to hex drive size.

Screwdrivers.	Torque tested hardened and te	mpered
head is looked	to shank. Hardwood handle.	

Cat No.	Blade	Length	Manter Peck	Unit Pack
677-04	V4 "	4"	72	6
677-06	50°	6	72	6
677-09	Ag "	8"	72	6

Cal. No.	Size	Handle Color	Master Peck	Unit Pack
4200	110	Black	72	6
4201	1/a "	Red	72	6
4202	316"	Amber	72	6
4203	11/12"	Green	72	6
4204	3 g "	Blue	72	6
4205	₹i6"	Brown	72	6
4206	V2 "	Red	72	6



Combination Offset Screwdriver, Dual blade has 1/4" flat and #2 Phillips blades, Hardened and tempered alloy steel, Carded,

Cal. No.	Blade	Length	Pack	Pack
9797C	¼ " x =2	41/2"	144	12

Nut Driver Set. Includes one (1) each Models 4200, 4201, 4202, 4203, 4204, 4205, and 4206, packaged in a heavy duty plastic gouch.

Cal. No.	Description	Master Pack	Pack
42170	7 Piece Şet	48	1

### screwdrivers

Series 950 Professional Quality Screwdrivers. Chrome vanadium blade with epoxy lacquer finish, bare edge and fully ground tip. Tempered over complete length. Large shock resistant six-fluted plastic handle. Amber with black stripes.



### Round Shank Phillips Head.

Cat. No.	Description	Master Pack	Unit Pack
950-01	#1 Point 3" Blade length	72	6
950-02	#2 Point 4" Blade length	72	6
950-03	#3 Point 6" Blade length	72	6



### Round Shank Flat Blade.

Cat, No.	Description	Master Pack	Unit Pack
951-04	4" Blade ¼ " Shank	72	6
951-06	6" Blade %" Shank	72	6
951-08	8" Blade %" Shank	72	6



### Square Shank Flat Blade.

Cat. No.	Description	Master Pack	Unii Pack
952-04	4" Blade ¼" Shank	72	6
952-06	6" Blade %" Shank	72	6
952-08	8" Blade % "Shank	36	6
952-10	10" Blade %" Shank	36	6



### Round Shank Cabinet Blade.

Cat. No.	Description	Masier Pack	Unit Pack
953-04	4" Blade 1/6" Shank	72	6
953-06	6" Blade 1%" Shank	72	6
953-08	8" Blade 1/4" Shank	72	6
953-10	10" Blade ¾" Shank	72	6



### Round Shank Pocket Blade.

Cat. No.	Description	Master Pack	Unit Pack
955	4" Blade Ve" Shank	72	6



### Stubby Phillips.

960-02

952-04

Cat. No.	Description	Master Pack	Unit Pack
960-02	#2 Point 11/2" Blade	72	6



### Stubby Square.

Cal. No.	Description	Master Pack	Unit Pack
954	11/2" Blade 1/4" Shank	72	6

9524C

Screwdriver Sel. 4 piece set packed in durable vinyl pouch.

Cal. No.	Description	Master Pack	Unit Pack
9524G	4 piece set. Includes one each: 951-04 ¼ " x 4" flat 951-06 ⅓ " x 6" flat 953-04 ¼ " x 4" cabinet 950-02 ≠2 x 4" phillips	24	1

Screwdriver Set. 7 piece set packed in durable vinyl pouch.

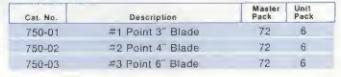
Cal. No.	Description	Master Pack	Pack
9527C	7 piece set. Includes one each: 952-06 %," flat x 6" blade 953-06 %," flat x 6" blade 950-01 #1 phillips x 3" blade 954	24	1

## screwdrivers

Series 750 Screwdrivers. Bright plated hardened and tempered alloy steel blade. Four-fluted clear plastic handles with red stripes.



750-01



### Round Shank

Phillips Head.

Cat. No.	nt. No. Description Pa		
751-03	3" Blade ¼" Shank	72	6
751-04	4" Blade ¼" Shank	72	6
751-06	6" Blade % Shank	72	6



Cat. No.	Description	Master Pack	Unit Pack
753-03	3" Blade 3, " Shank	72	6
753-04	4" Blade 36" Shank	.72	6
753-06	6" Blade hi" Shank	72	6

### Pocket Blade.

Cat. No.	Description	Masier Pack	Paci
755	2" Blade 1/8" Shank	72	6

### Stubby Phillips.

Cat. No.	Description	Master Pack	Upit Pack	
760-02	#2 Point 1½" Blade	72	6	

### Stubby Square.

Cal. No.	Description	Master Pack	Unii Pack
754	1½ Blade ¼ Shank	72	6



751-03



753-03

755



90001C



754

Screwdriver Set, 4 piece set includes three cabinet blades and one Phillips head. Hardened and tempered alloy steel blades. Clear plastic handle with red stripes.

Cat. No.	Description	Master Pack	Unit Paci
90001C	4 piece set. Includes one each:  ¼" x 4" cabinet  ¾" x 6" cabinet  4 cabinet  3' phillips	48	6

### Screwdriver Sel. 10 piece set packed in durable vinyl pouch.

Cat. No.	Description	Master Pack	Unit
7500C	10 piece set. Includes one each: 750-01 #1 phillips x 3" blade 750-02 #2 phillips x 4" blade 751-06 %, " flat x 6" blade 753-06 %, " flat x 6" blade 760-02 #2 phillips x 1½" stubby 751-04 ¼" flat x 4" blade 751-03 ¼" flat x 3" blade 753-04 ¾, " flat x 4" blade 755	24	1



### 90000

### Bucket of Screwdrivers.

Forty-eight total pieces, six different types. Wide fluted plastic handles of red and black provide extra firm grip. Included are cardboard bucket and display header.

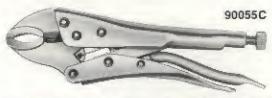
Cat No.		asier ack	Pack
90000	48 piece assortment, Includes 8 each of: #1 phillips x 3" blade #2 phillips x 4" blade %," flat x 4" blade %," flat x 6" blade ¼ " flat x 6" blade ¼ " flat x 6" blade	12	Ť

# screwdrivers, pliers and wrenches



Spiral Ratchet Screwdrivers. Reversible heavy duty industrial model with quick return. Spring loaded chuck holds blade firmly with quick change release. Three position ratchet control.

Cat. No.			Unit Pack	
631C	10"	36	3	
612	12"	24	1	
617	17"	24	1	
621	27"	24	- 1	



Locking Grip Pliers. Locks vise tight with variable adjustments. Quick-action release.

Cat. No.	Length	Master Pack	Unii Pack
90055C	5"	48	6
1451	8"	48	1
90056C	10"	48	6



Spiral Ratchet Screwdriver with Bits. Reversible screwdriver holds four bits in transparent plastic handle. Carded,

Cat. No.	Length	Moster Pack	Unit Pack
9631C	10"	36	3



Adjustable Wrenches: Drop-forged, heat treated, chrome plated Adjustable Wrench. Thin head design with slim tapered jaws, hardened knurl rotates freely for tast adjustment, and comfortable satin finished grip. Carded.

Cal. No.	Length	Capacity	Master Pack	Unit Pack
7606C	6"	₹4 "	72	6
7608C	8″	1"	72	6
7610C	10"	11/6"	72	6
7612C	12"	1%"	72	6



Screwdriver Bits. For use with spiral ratchet screwdrivers.

### For Model 621

Cat. No.	Description	Master Pack	Unit Pack	
P21	No 1 Phillips	50	1	
P22	No. 2 Phillips	50	1	
P23	No. 3 Phillips	50	1	
1166	\w <sup>a</sup> Flat	50	1	
1167	"32" Flat	50	1	
1168-01	'n" Flat	50	- 1	



Pipe Wrenches, Heavy duty alloy steel jaws with milled and heat-treated teeth.

Cat. No.	Length	Capacity	Master Pack	Unit Pack
90063	10"	11/2"	36	6
90064	14"	2"	36	6
90218	18"	21/2"	36	6
90224	24"	3″	36	6

"C" Denotes carded or packed in vinyl pouch.

### For Models 631C & 9631C & 612

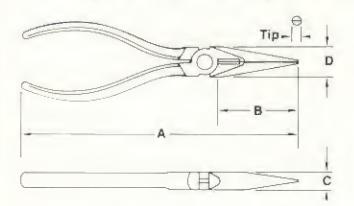
Cat. No.	Description	Master Pack	Unit Pack
P17	No. 1 Phillips	50	1
P27	No. 2 Phillips	50	1
299	格" Flat	50	1

### For Model 617

Description	Master Peck	Unit Pack	
No 1 Phillips	50	1	
No. 2 Phillips	50	1	
No. 3 Phillips	50	1	
¹⊕" Flat	50	1	
W" Flat	50	1	
na <sup>ti</sup> Flat	50	1	
	No. 1 Phillips No. 2 Phillips No. 3 Phillips Internal Flat W" Flat	Description         Pack           No. 1 Phillips         50           No. 2 Phillips         50           No. 3 Phillips         50           'n' Flat         50           W" Flat         50	

### pliers

Solid Joint Pliers. Forged and heat treated steel Insures strength, hard edges and tough jaws. All solid joint pliers have fully polished heads as well as black cushion grip handles for added comfort.





Needle Nose Pliers. Long slim nose and serrated laws make loops and bends in wire. Without side cutter. Carded.

	Dimen	sion					Master	Unit
Cal. No.	A	8	C	D	Tip	Weight	Pack	Pack
3401C	61/2"	1 15.12	11/52"	11/18	16 "	,28 lbs.	72	6



Chain Nose Pliers With Side Cutter. Narrow tapered jaws with serrated inside surfaces let you hold, bend, loop and pull wire in close quarters. Induction hardened, precision matched edges. Carded

	Dime	ension					Master	Unit
Cat. No.	A	ß	C	D	Tip	Weight	Pack	Pack
3404C	61/2"	1252"	1/12"	1/46"	Va "	-28 lbs.	72	6



Extra Long Chain Nose Pliers With Side Cutter. Long nose and strong, induction-hardened cutters make these ideal combination pliers for various electrical and electronic work. Induction hardened, precision matched edges. Carded

Cat. No.	Dim A	ension B	c	D	Tip	Weight	Master Pack	Unit
3405C	71/2"	234"	36"	34"	%"	.34 lbs.	72	6



Diagonal Cutting Piters. Designed with narrow jaws for working in confined areas. Ideal for general purpose electrical and electronic work. Induction hardened cutting edges. Carded

Cat. No.	Dimo	nsion	r	D	Weight	Master Pack	Unit Pack
GOL HE.	- 15	D D	10	u	TEGISIIL	FRUN	L. Miller
3407C	6~	13/6"	7/6	11/16"	.28 lbs.	72	6



Diagonal Cutting Pliers. Designed with narrow jaws for working in confined areas. Ideal for general purpose electrical and electronic work. Induction hardened cutting edges. Carded

	Dimer	Dimension				Master	Unit
Cal. No.	A	В	C	D	Weight	Pack	Pack
3408C	7%"	1%"	1/2 "	₹6 "	.53 lbs.	72	6



Heavy Duty Diagonal Cutting Pliers. Powerful leverage for cutting heavy wire Induction hardened cutting edges. Carded

Cat, No.	Dime A	noien B	c	۵	Weight	Master Pack	Unit Pack
3409C	71/6"	11/4"	1/2 "	13/10"	.56 lbs.	72	6



End Nipper, High leverage design for easy cutting of wire and nails. Able to cut in areas not accessible with conventional side cutting pliers. Carded.

	Dimen	Dimension				Mostor	Unit
Cat. No.	A	В	C	D.	Weight	Pack	Pack
3411C	71/4"	3/4 "	11/0"	111/20"	.69 lbs.	72	6

### pliers and wire stripping tool



Lineman's Side Cutting Ptiers. Designed for utility lineman's work, installation of wiring and electrical equipment and maintenance. Induction hardened, precision matched edges, Built-in insulation crusher Carded

	Dimension			PI.	Title 1 and 1	Master	Unit
Cal. No.	A	В	Ç	D	Weight	Pack	Pack
3413C	B1/2"	11/2 "	5/8 "	1)/14"	.91 lbs.	72	6



New England Style Lineman's Pliers. High leverage, heavy duty lineman's pliers for cutting = 8 and other heavy wire. Offset riveted jaws increase leverage. Precision matched cutting edges and built-in insulation crusher. Carded.

	Dimension					Master	Unit
Cat. No.	A	В	C	D	Weight	Pack	Peck
3414C	91/2"	134"	.10	1 1/4 "	1. lbs.	72	6



Wire Stripping Tool. A cutter, stripper and crimper for all types of wire, and a wide size range bolt cutter. Full line capacity crimp stations. Six size bolt cutters: 4-40, 5-40, 6-32, 8-32, 10-32 and 10-24. Plier nose and up front wire cutter and stripper. Red cushion grip handle. Carded,

Cal. No.	Lengih	Master Pack	Unit Pack
3421C	6	72	6

"C" Denotes carded or packed in vinyl pouch.



"C" Joint Ptiers. Drop forged alloy steel. Milled jaws with deep, sharp, self-gripping teeth. Accurately machined tongue lits and pivots in five machined grooves, providing five working positions. Black plastic grips resist acid, grease oil, water, alkali solutions and chemicals, polished faces, with copper-nickel-chrome plating. Carded

Cal. No.	Longih		nii
3428C	6½"	72	6
3430C	to"	72	6
3432C	12"	72	6



Sllp Joint Pliers. Drop forged, alloy steel pliers. Extra hard, deep, sharply cut teeth for a better grip and longer wear. Special jaw design provides two gripping sections. Hardened alloy steel bolt, shear wire cutter, black plastic grips, fully polished faces, copper-nickel-chrome plated. Carded.

Cal. No.	Length	Master Pack	Unit
3416C	61/2"	72	6
3417C	8"	72	6
3418C	10"	72	6

### hex and tap wrenches



18 Pc. Hex Key Wrench Set. Tempered high-carbon tool steel with rust-resistant plating. Eighteen piece set includes standard and long shank sizes. Packed in durable vinyl pouch.

Cat. No.	Description	Masier Pack	Unit Pack
318C	18-piece set. Includes: Standard Shank 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/550 Long Shanks 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4", 1/4	100	5

15 Pc. Hex Key Wrench Set. Hardened, tempered high-carbon tool steel with rust-resistant plating. Fifteen piece set with standard shanks. Packed in durable vinyl pouch.

Cal. No.	Description	Master Pack	Unit Pack
215C	15-piece set. Includes: ¼, ¼, ¼, ¼, ½, ¼, ¼, ¼, , ¼, , ¼, , ¼,	100	5

7 Pc. Hex Key Wrench Set. Seven piece set with standard shanks includes ¾" through ¼" sizes. Tempered high-carbon tool steel with rust-resistant plating. Packed in durable vinyl pouch.

Cat. No.	Description	Master Pack	Unit
187C	7-piece set. Includes: ¾, ½, ½, ½, ½, ½, ¾, ¼, ¼, wrenches	120	10

"C" Denotes carded or packed in vinyl pouch.



11-01C

Tap Wrenches. Sliding T-handle allows use of greater pressure. Used for holding taps, drills, reamer and other small tools which are turned by hand. Chuck head centered to allow use on lathe centers or vertical drilling machines as work starter. Carded.

Cal. No.	Capacity	Masier Pack	Unit
10-01C	¼" to ¾"	72	6
11-01C	另" to %"	72	6
12-01C	1/4" to 1/2"	72	6



3-Step Tap. Taps, re-taps and threads sizes 10-32, 8-32 and 6-32. Carded.

Cal. No.	Cal. No. Capacity		Unit Pack
46C	10-32, 6-32, 6-32	72	6



9 Pc. Hex Key Set. Nine piece folding set — Tempered high-carbon tool steel. Carded.

Cat, No.	Key	Master	Unil
	Sizes	Pack	Pack
919C	.050" to 1/4"	72	6

### tapes



1" Locking Tapes. Rugged, chrome plated cycolac "case. Front thumb locking mechanism for positive blade retention. Graduated in 16th's and 32nd's. 16" stud markings. Also available in Metric and Metric / English reading models. Belt clip. Carded.

Cal-No.	Blade Width	Blade Length	Replacement Blade	Master Pack	Unit Pack
10200	100	20'	RB120	72	6
1025C	111	25'	RB125	72	6
10260	10	7.5M 25'	RB126	72	6
1027C	311	7.5M	AB127	72	6



3/4" Locking Tapes. Tough, chrome plated cycolace case. Front thumb locking mechanism for positive blade retention. Graduated in 16th's and 32nd's 16" stud markings. Also available in Metric and Metric. English reading models. Bett clip. Carded.

Cat. No.	Blade Width	Blade Length	Replacement Blade	Master Pack	Unii Pack
34330	3,11	12'	R6612	72	6
3434C	Juli	16'	RB216	72	ũ
3435C	4541	20'	AB620	72	6
34360	1411	25'	RB348	72	6
3437G	140	3.65M (12)	RB347	72	6
3438C	1211	5M 16"	MERBS16	72	6
3439C	190	7.5M 25'	MERB625	72	6
3440C	# · ·	3 65M	RB340	72	-6
34410	3411	5M	RB341	72	- 6
3442C	150	7.5M	RB342	72	6



1/2" Locking Tapes, Plated die cast tape body with belt clip. Side locking machanism prevents blade creeping. Graduated in 16th's and 32nd's...16" stud markings. Available in Metric and Metric/English reading models. Carded.

Cal. No.	Blade Width	Blade Length	Replacement Blade	Master Pack	Unit Pack
8012G	Vyri	10'	AB10	72	-6
8212C	11,10	12'	RB12	72	6
8213C	- lygrir	3 55M 12'	MERB12	72	6
8214C	19 H	3.65M	MRB12	72	6



1/4" Locking Tapes. Side locking mechanism prevents blade creeping. Graduated in 16th's, first 6 inches graduated in 32nd's. Carded.

Cat. No.	Blade Width	Blade Length	Replacement Blade	Master Pack	Unit Pack
7406C	1971	6'	_	72	6
7410C	1771	10'	-	72	6



### Replacement Tape Rule Blades.

Cat. No.	Blade Width	Blade Longth	Fits Tape No.
B120	1"	20'	1020C
B125	1'4	25'	1025C
RB126	1"	7.5M (25)	1026C
RB127	1"	7.5M	1027C
(B612	Mir	12'	3433C
10216	- M. L.	16'	3434C
RB520	Will	20'	3435C
19346	3/7 64	25'	3436C
18347	W.re	3.65M (12)	3437C
MERB625	3/4 **	7.5M7251	3439C
MERB616	34''	5M/16'	3438C
18340	34"	3.65M	3440C
19341	₩"	7.5M	3442C
1810	h"	10E	B012C
RB12	M <sub>111</sub>	12'E	8212C
MERB12	With	3.65M/12*	8213C
MRB12	1/911	3.65M	82140

### tapes and rules



50'-100' Detuxe Long Steel Tapes, %" Wide Steel Blade—Rust resistant steel case with red vinyl covering. Flush winding handle has instant release button. Stainless steel trim White face with 16" stud markings, inches, fractions and foot figures available in Metric and English reading models. Carded.

Cat. No	Blade Width	Blade Length	Heplacement Blade	Master Pack	Unit Pack
3050C	30,17	50'	3051	72	- 6
3100C	\$ <sub>0</sub> 11	1001	3101	72	6
M3050C	4 North	15M	MRB3051	72	6
M3100C	4,17	30M	MRB3101	72	6



50'-100' Long Steel Tapes. Rugged die cast metal housing. %" wide blade Tape graduated in 8th's. Flush winding handle. Carded

Çal. No,	Blade Width	Břáde Length	Replacement Blade	Master Pack	Unit Pack
115DC	3"	501	3051	72	6
1110C	1"	1001	3101	72	- 6



Long Tape Rule Replacement Blades.

Cat. No.	Blade Width	Blade Longth	Fils Tape No.
3051	3177	50'	3050C 1150C
3101	J <sup>6</sup> 11	100'	3100C 1110C
MRB3051	L <sub>li</sub> 11	15M	M3050Ć
MRB3101	10	30M	M3100C

9648

墨

"T" Square, 4 ft aluminum square.

Cat. No.	Length	"T" Length	Master Pack	Unit Pack
9648	4 ft.	16"	24	1

1448

Aluminum Rule. 4 ft. aluminum rule — 1/4" markings.

Cat. No.	Length	Master Peck	Unit Pack
1448	4 ft.	24	3

1336

Tempered Aluminum Yardstick. Stamped with molding styles, nail sizes and 16th's graduations. Hang hole. Individually packaged in clear plastic sleeve.

1 2 3 4 5 6 7 8 9 50 10 12 13 14 35 16 17 18 39 20 21 22 23 24 25 26 27 20 29 10 31 32 33 34 35 36 37 38 39 40 41 42 45 44 45 44 7 4

Millery Falls

Cat, No.	Length	Master Pack	Unit Pack
1336	3 ft.	100	10

90037

THE PERSON AND THE PERSON OF T

Metric/English Yardstick. Fine aluminum yardstick with black numerals for easy reading. Inches facing one direction, metric facing opposite. Conversion table on surface.

Cat. No.	Length	Master Pack	Uni4 Pack
90037	36"/1 m	100	10

"C" Denotes carded or packed in vinyl pouch.

INGERSOLL-RAND

### squares and bevels

1400

Framing Square. Polished steel finish. Permanently impressed 1/4" graduations on face and back. Includes essex board measure and framing table.

Cat. No.	Body	Tongue	Maeler Peck	Unit Pack
1400	24" x 2"	16" x 11/2"	48	6

1401

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Rafter Square. Blued steel finish with permanently impressed 1/6" graduations. Includes rafter and framing tables and essex board measure.

Cat. No.	Body	Tongue	Master Pack	Unii Peck
1401	24" x 2"	16" x 1 ½"	48	6

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1402

Rafter Square. Lightweight aluminum alloy with polished finish and cut graduations filled with black color. Includes rafter table, framing table, essex board, octagon scale, 100th scale and brace table, %" and %" graduations on face. %", 1/10" and 1/12" graduations on back.

Cat. No.	Body	Tongue	Master Pack	Unit Pack
1402	24" x 2"	16" x 11/2"	48	3

1408

Flat square. Lacquered steel finish with reverse reading scale graduated in 8th's.

Cat. No.	Body	Tongue	Master Pack	Unit Pack
1408	24" x 2"	16" x 11/2"	48	6



Carpenter's Square. Black rafter-framing square with easy-to-read white graduations in 12th's and 8th's one side. 8th's and 16th's other.

Cat. No.	Body	Tongue	Manter Peck	Unit Pack
90059	12" x 1½"	8" x 1"	72	12

Metric Square. Graduated in 2 mm increments.

Cal, No.	Body	Tongue	Master Pack	Unit Pack
1420M	609.6 mm x 50.8 mm	406.2 mm x 38.1 mm	48	6

1498

Rafter Square. Black steel finish with white markings. Includes rafter table, framing table, brace table, essex board, octagon scale. Face graduated in 8th's and 16th's, back graduated in 10th's, 12th's and 16th's

Cal. No.	Body	Tongue	Master Pack	Unii Pack
1498	24" x 2"	16" x 1½"	48	12



Carpenter's T Bevel. Steel blade with comfort grip hardwood handle. Brass tips and locking mechanism

Cal. No.	Blade	Handle	Master	Unit
	Length	Length	Pack	Pack
9328	8"	51/2"	36	6



Bevel. Steel blade and hardwood handle with rust resistant brass locking nut.

Cal. No.	Blade	Handle	Master	Unit
	Length	Length	Pack	Pack
98	8"	5"	72	4

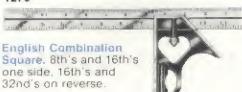
# squares, rules and levels



Combination Square. 6" machine graduated steel blade, Zinc diecast head with black finish. Includes level and scriber. Graduated in 8th's and 16th's one side, 16th's and 32nd's on reverse. Carded

Cal. No.	Blade Length	e Master Ih Pack	
1276C	6"	40	20

1270



Cal. No.	Blade Length	Master Pack	Unit Pack
1270	12"	40	1
1270C	12"	40	10

Metric Combination Square, Polished roll stamped blade. Die-cast zinc head with level and scriber.

Cat. No.	Blade	Master	Unit
	Length	Pack	Pack
1271M	30 cm	40	10

1200



Cal. No.	Blade	Master	Unit
	Length	Pack	Pack
1200	12"	40	4

9348



Try Square. Comfort grip hardwood handle with brass hardware, 8" polished blade with 1s" graduations.

Cat. No.	Blade Length	Handle Length	Master Pack	Pack
9348	B"	5%	24	ß

"C" Denotes carded or pecked in vinyl pouch.



6 Ft. Extension Rule. Extra heavy hardwood with heavy duty brass spring joints and strike plates. 6" brass extension for use on inside measure or as depth gauge. Yellow face with 16th's graduations. Carded.

Cat. No.	Length	Finish	Master Pack	Unit Pack
160G	6 ft.	Yellow	72	6

1461C



6 Ft. Folding Wood Rules. Six foot hardwood with brass plated joints. 16th's graduations in easy reading white face. Available in outside and inside reading models. Carded.

Cat. No.	Length	Reads	Flaish	Magler Pack	Unit Pack
1460C	6 ft.	Outside	White	144	12
1461C	6 tt.	Inside	White	144	12



Line Level, 3 inch line level. Can function as a regular utility level. Light weight, with cat's eye monovial. Carded.

Cat. No.	Length	Masier Pack	Pack
6290	3"	100	10

6705C



Pocket Level. 5 inch level with top and side reading vial. Metal clip. Carded.

Cal. No.	Length	Pack.	Pack
6705C	5"	50	10

190C



Torpedo Levels. Die-cast aluminum with three cat's eye vials—one level, plumb and 45° mitre. Permanent ceramic magnet adheres to pipe, steel and tubing. V-grouved bottom. Vinyl pouch.

Cal No.	Length	No. Vojis	Style	Master Pack	Unit Pack
190C	9"	3	Magnetic	72	4
290C	9"	3	Non-magnetic	72	4

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### levels

6724

9190C



Torpedo Levels 9" Unbreakable side plates with 3 monovials. Duplex milled satin aluminum frame with V-grooved working edge for pipe or conduit. Carded.

Cat. No.	Length	No. Vials	Style	Master Pack	Unii Pack
9190C	9*	3	Magnetic	100	10
9290C	9"	3	Non-magnetic	100	10

630



Heavy Duty Six-Vial Aluminum Levels. Heavy duty die-cast frame with precision machined surfaces for highest accuracy. Six extra large vials are set in plaster of paris for protection and longer life.

Cal No.	Length	No. Viais	Master Pack	Unit Pack
618	18"	6	24	1
624	24"	6	24	1
628	28"	6	24	- 1
630	30"	6	24	1

Aluminum Levels, 2%" x 1" frame. High alloy heat treated aluminum. Precision duplex milled leveling edges-end plates. Unique top reading feature, Interchangeable and replaceable vial construction.

Cat. No.	Length	No. Vials	Master Pack	Unit
6718	18"	3	24	1
6724	24"	3	24	1
6728	28"	3	24	1
6736	36"	3	24	1
6748	48"	3	24	- 1

90035



Aluminum Levels. Extruded aluminum frame with vials and holders made from high impact resistant plastic. Vials are fully adjustable and can be arranged in all plumb or level positions. Top edges graduated.

Cal. No.	Length	No. Vlajs	Master Pack	Unit Pack
90034	18"	2	36	1
90035	24"	2	36	1
90036	48"	3	24	- 1

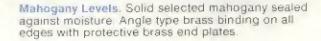
648



Aluminum Mason's Level. Heavy duty aluminum with top, sides and ends accurately machined. Six vials protected by thick glass.

Cat. No.	Length	No. Visis	Master Pack	Unit Pack
648	48"	6	12	1

748



Cat. No.	Length	No. Vials	Master Pack	Unit Pack
724	24"	6	10	1
748	48"	6	12	1

9372



Aluminum Carpenter's Level, 6 ft. extruded aluminum level with replaceable vials. Light weight, durable construction

Cat. No.	Length	No. Vials	Master Pack	Unit Pack
9372	6 H.	5	7	1

Replacement Level Vials. For Model 9372 Level Easy to install, amber colored for easy reading.

Cat. No.	Description	Master Pack	Unit
6372C	For Model 9372	144	12

### layout tools



90003C

Magnetic Stud Finder, Points to nails, locates studs behind wallboard, plaster, paneling. Eliminates ugly holes where studs were missed and walls defaced. Carded.

Cat. No.	Length	Master Pack	Unit Pack
90003C	7"	144	12



Plumb Bobs. Accurately machined-turned from cold rolled steel with carefully sharpened points. Zinc plated.

Cal. No.	Size	Length	Master Pack	Unit
1	2 1/2 OZ.	234	72	6
2	5 oz.	31/2"	72	6
2C	S oz.	31/2″	72	6
3	8 oz.	434"	72	6
3C	B oz.	41/4"	72	6
4	12 oz.	4%4"	72	6



8100

Chalk Lines. Die-cast aluminum housing with slide-action lock and hook ring. Lock releases automatically when rewound. Plumb bob lop opens for easy refilling.

Cal. No.	Length	Master Pack	Unit Pack
8050	50 ft.	72	1
8100	100 ft.	72	1

Replacement Chalk Lines. Heavy woven nylon lines on spools. Packed six per box.

Cat. No.	Longth	Master Pack	Unii Pack
8051	50 ft	144	6
8101	100 ft.	144	6



Thickness Gauges. Precision leaves etched in decimal and metric calibrations. Positive lock nut ensures accuracy.

Cal. No.	Description	Master Pack	Unit Pack
9-03	9 piece set 31/6" x 1/2" leaves, sizes .0015 to .020	144	6
25	25 piece set 2½ 7 x ½ 7 leaves, sizes .0015 to .0250	72	6



Marking Chalk. Micro-fine chalk for five times more marking power. Eight ounce plastic squeeze container.

Cat. No.	Color	Master Pack	Unit Pack
9122	Blue	144	24
9123	Red	144	24
9124	White	144	24



Carpenler's Pencil. Medium lead carpenter's pencil. Carded

Cat, No.	Master Pack	Unit Pack
312C	144 cds.	6 cds.



204C

Carpenter's Dividers. Features one replaceable leg designed to hold standard his" pencil to make carpenter's compass. All steel components. Spring tensioned fine adjustment. Knurled binding screw locks quadrant. Carded.

Cat. No.	Longih	Master Pack	Unit Pack
204C	7"	24	3

# finishing tools



Putty Knives. Tapered spring steel blade tempered and polished. Hardwood handle has hang hole.

Çaj, No.	Blade Width	Master Pack	Unit Pack
1404	1%"	144	12
1404C	1 1/4 "	144	12

Putty Knives. Satin-finish steel. Stained hardwood handle with metal lined hang hole.

Cal. No.	Blade Width	Master Pack	Unit Pack
90038C	11/4 "	144	12
90039	1%"	144	12



Wall Scrapers. Tapered spring steel blade tempered and polished, Hardwood handle has hang hole.

Cal. No.	Biada Width	Master Pack	Unii Pack
1407	3"	144	6
1407C	3"	144	6

Wall Scrapers. Satin-finish steel. Stained hardwood handle has metal lined hang hole.

Cat. No.	Blade Width	Master Pack	Unit Pack
90040C	3"	72	6
90041	3"	72	6



Spackling Knives. Tapered spring steel blade tempered and polished. Hardwood handle has hang hole.

Cat, No.	Blade Width	Masier Pack	Unit Pack
1409	5"	72	6
1409C	5"	72	6

Spackling Knives. Satin-finished steel with stained hardwood handle. Metal lined hang hole.

Cat. No.	Blade Width	Master Pack	Pack
90042C	5"	72	6
90043	5"	72	6



9339

Wood Scrapers. Tempered tool steel blade has two scraping edges with paint brush type handles. Carded.

		THE RESIDENCE OF THE PARTY.		and the same of th	m
Cal. No.	Blade Width	Overall Length	Master Pack	Unit Pack	
9351C	1 1/2 "	71/4"	100	10	
9339C	21/2"	914"	100	10	

Wood Scraper Replacement Blades, For use with above wood scrapers. Carded.

Cat. No.	Size	For	Master Pack	Und Pack
9356C	11/211	9351C	100	10
9346C	21/4"	9339Ç	100	10



921(

Razor Blade Scraper. Steel hand scraper with positive retention slide. Fully enclosed blade when in retracting position. Package of 5 blades included. Carded.

Cat. No.	Length	Master Pack	Unit Pack	Repl. Blade No.
9210C	4"	96	12	9110C



Serrated Linoleum Trowel. Tempered steel blade with finished hardwood handle. Steel rivets secure blade to shank. Front edges angled 10" to permit access to corners.

Cet. No.	Length	Width	Manter Pack	Unit Pack
90024	10"	41/9"	144	12

### tool boxes and vises



Bench Vises. Heavy duty cast-iron, screw type, swivel base, removable steel jaws.

Cat, No.	Jaw Size	Master Pack	Unit Pack
18080	3"	1	1
18100	4"	1	1
18125	5"	1	1
18150	6"	1	1



9217 All Purpose Tool Box. Quality constructed tool box with double rolled front edge, cap-end construction, all electric welding, 3-compartment tote tray with easy-grip steel handle and one-piece tray support welded to front, back and sides for maximum rigidity. Watershed design makes the box more weather tight. Red enamel.

C	al. No.	Length	Depth Height		Weight	Master Pack	Unit Pack
9	217	20"	81/2"	9 1/2 "	13% lbs.	12	1



9219 Tool Box. Short and stocky tool box with full length piano hinge, watershed cover, positive catch drawbolt, cap-end construction, one-piece tray support, heavy weight hardware and rugged handles. Red enamel.

	Cat. No.	Length	Depth	Height	Weight	Moster Pack	Unit Pack
Ī	9219	19"	7"	7 ½"	91/2 lbs.	12	1



9232 Carpenter's Tool Box. Designed for carpenters and maintenance men 32" long to hold saws, levels, squares, etc. A special wood block under the lid storage area holds the saws and prevents other tools from dulling the teeth Extra braced cap-end construction, full length piano

hinge, two drawbolt handles on each end, plus the top, Brown wrinkle finish

Cat No.	Length	Depth	Height	Weight	Master Pack	Unit Pack
9232	32"	81/2"	91/2"	17 lbs.	12	1

### miscellaneous



Sawhorse Brackets, All purpose with flanged nail holes for quick and sturdy assembly.

Cat No.	Mester Pack	Unit Pack	
90109	50	1	



1550-01

Steel Letters and Figures, Machine cut from precision master dies. Cleaner, sharper characters. Hardened and tempered heads and faces. Gothic Type, "A" through "Z" letters, 0 through 8 figures (6 reverses for 9).

Steel Letter Set (A-Z).

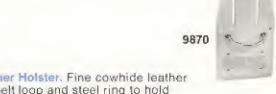
Gal. No.	Size	Master Pack	Unit Pack	
1500-01	Ж <sub>6</sub> "	36	1	
1500-03	Vg "	36	1	
1500-04	₩"	36	1	
1500-05	1/4 "	24	1	
1500-07	%"	24	1	
1500-08	1/2 "	15	1	
Steel Figure Set	(0-8).			
1550-01	Xe"	46	1	
1550-03	Vs "	48	1	
1550-04	₹6"	48	1	
1550-05	1/4 "	36	1	
1550-07	%"	36	1	
1550-08	1/2"	36	1	



Safety Goggles, Soft, pliable frame is ventilated by more than 800 perforations. Protects eyes from dust, flying particles, fumes, and sparks. This compact frame fits over most glasses.

Cal No.	Masier Pack	Unst Pack
9500C	144	12

"C" Denotes carded or packed in viny! pouch.



Hammer Holster. Fine cowhide leather with belt loop and steel ring to hold any nail hammer.

Cat. No.	Description	Masier Pack	Unit Pack
9870	Hammer holster	120	12



Carpenter's Utility Pouch, Double pouch apron designed for the carpenter and construction worker. Apron has four leather-bound pockets for holding pliers, punches, nail sets, hammers and steel tapes. Heavy duty 21/4" wide web belt with army style buckle, snap and slide.

Adjustable size 33"-44".

Cat. No.	Description	Master Pack	Unii Pack
9878	Carpenter's pouch	12	1





Cat. No.	Description	Master Pack	Unit Pack
9877	Tool pauch	24	2



Polishing Head, Complete with %" chuck. Pully for V or round belt with ½" spindle diameter. 51/4" from shaft center to base.

Cat. No.	Description	Master Pack	Unii Pack
130-12	%e" chuck ½" spindle	6	1

### other products

Ingersoll-Rand Power Tool Division also manufactures a wide variety of Electric Tools, Metal Cutting Products, Air Tools, Air Hoists, Air Winches, Air Motors and Air Starting Motors.



### index

atalog	Page	Catalog Number P	age	Catalog Number	Page	Catalog Number	Page	Catalog Number	Page	Catalog Number	Page	Catalog Number	Page
	30	RB126	25	760-02	20	1402	27	3414C	23	7610C	21	9716	÷
	30	RB127	25	801	- 6	1404	3.1	3416C	23	7612C	21	9724	- E
	30	130-12	33	801C	6	1404C	31	3417C	23	8012C	25	9732 9751	1
11	16	149	10	802	6	1407	31	3418C	23	8050 8051	30 30	9752	
	30	160C	28	802C	6	1407C	31 27	3421C 3428C	5.0	8100	30	9754	
	30	185	16	803C	6 6	1408 1409	31	3430C	23	8101	30	9755	
	30	1.85C	16 24	804	6	1409C	31	34320	23	8212C	25	9757	
3	30 25	187C 190C	26	804C	ě	1414	1.1	3433C	25	8213C	25	9758	
10	17	204G	30	805	6	3456	4	3434C	25	8214G	25	9797C	1
7	17	212-11	7	805C	6	1417	-4	3435C	25	8707	14	9814 9870	3
DIC	24	215C	24	B33C	6	1420M	27	3436C	25 25	8900	14	9877	23
010	24	R@216	25	919C	24	1430-01	12 3 12	34370 34380	25	9005 9008	8	9878	3
HB12	25	249	10	956-01	19 19	1430-019 1430-02	12	3439C	25	9010	8	9916	
B12	25	266C	15	950-02 950-03	19	1430-521		3440C	25	9033C	14	18080	2
2	10	268C 279	15 10	951-04	19	1430-03	12	34410	25	91100	31	18100	3
12 01C	25 24	296C	28	951-06	19	1430-030		34420	25	91410	15	18125	2
4	10	299	21	951-08	1.9	1430-04	12	3775	. 7	9122	30	18150	2
7	21	300-01	11	952-04	10	1430-04		39110	14	9123	30	40022-01 40022-04	
	21	3120	30	952-06	19	1430-05	12	3912C 3913C	14 14	9124 9135	30	40022 08	
2	21	318C	24	952-08	19	1430-05- 1430-06	C 12 12	39140	14	9136	4	90000	3
3	21	337C	13	952-10 953-04	19	1430-06		3915C	1.4	9137	4	90001C	2
7	30 21	FIB340 FIB341	25	953-06	19	1430-07	:2	3916C	1.4	9138	4	90003C	3
01	12	341	10	953-08	19	1430-07		3917C	1.4	9139	4	90006C	
01C	12	RB346		954	19	1430-0H		391BG	1.4	9140	6	9000BC 90009	
02	12	AB347	25 25	955	19	1430-08		3019C	14	9190C	29	90003	
02C	12	351-01	17	960-02	19	1434C	12 26	1004 4006	17	9210C 9211C	31	90012	
G3	12	351-02	17	995C	10	1448	21	4008	17	9217	32	90013	
03C	12	351-03	17	1018BF 1018M	12 12	1451 1460C	28	4010	17	9219	32	90014	
04	12	365 365C	17	1020C	25	1461C	28	4012	1.7	9232	32	90015	
04G 05	12	401C	15	1024BF	15	1470	13	4016	17	9255	5	90015	
05C	12	418	7	1024M	12	1471	13	4200	18	9256	5	90017	
06	12	460	6	1025C	25	1472	135	4201	18	9257	5 5	90018 90019	
06C	12	450C	6	1026C	25	14730	13	4202 4203	18 18	9261 9275	4	90020	
-D7	12	499C	10	10270	25 12	1498 1500-01	27 33	4204	18	9276	ć.	20024	
-07C	12	502	16	1032BF 1032M	12	1500-03		4205	18	9277	4	90031	
-GB	12	612 BB612	21 25	1110C	26	1500-04		4206	-81	9276	4	90032	
-08C -09	12 12	MERB616	25	1124	9	15/00-05		4217C	18	9279	4	90033	
-09C	12	617	21	1150C	26	1590-07	33	4307	13	9280	5	90034	
1	21	618	29	1151C	13	1500-06		4308	13	9281	5 5	90035 90036	
2	21	RB620	25	11520	13	1550-01		4416 4450	17 18	9282 9283	5	90037	
3	21	621	21	11530	13	1550-03 1550-04		4451	18	9284	5	90038C	
-18	1.7	624	29	1354G 1355G	13	1550-05		4452	18	9285	5	90039	
G.	10	MERB625 628	25 29	1156C	13	1550-07		4453	18	9290C	29	900400	
FH C	24	629C	28	1166	21	1550 08		4454	18	9308	B	90041	
Ļ	11	630	29	1167	2.1	1710	16	4455	18	9310	H	90042C 90043	
	3.0	631C	21	1168-01	21	2010	-8	4456 4457	18 18	9316C 9325C	15 15	90055C	
	1.0	645	29	1200	28 21	2205 2210	3 5	4458	18	9328	27	90056C	
	12	677-04	18	1201	21	3034C	12	4459	18	9333	15	90059	
->-	12	677-06 677-08	18 18	1203	21	3050C	26	4460	18	9333C	15	90061C	
	14 12	708	7	1214BF	1.2	M30500		4461	+8	9339C	31	90063	
-	10	724	29	1214M	1.2	3051	26	4462	18	9346C	3.1	90064	
en,	10	730	15	12168F	1.2	MRBBO		4464	16	9345	28	90065 90068	
ĚΗ	12	731	16	1218M	12	3100C	26	4465	18	93510	31	90066	
FH	12	732	16	1224BF	12	M31000		5678C 6372C	16 29	9356C 9372	31 29	90099	
	9	748	29	1224M	12	31.01	26 0) 26	661BC	15	9375C	11	90104	
-01	14	750-01	20	12328F t232M	12 12	MR831 3316	15	6705C	28	9376G	11	90105	
FΗ	12	750-02 750-03	20 20	5234C	16	3325	15	671B	-29	95000	33	90109	
	9	750-03 751-03	20	1237	13	3401C	22	6724	29	9524C	19	90116	
	1.1 27	751-04	20	1270	28	3404C	22	6728	29	9527C	19	90117	
9	10	751-06	20	1270C	28	3405€	22 22	6736	29	9631C	21	90218 90224	
50	15	753-03	20	1273M	58	3407C		6748	29	9648 0565	26 4	50254	
8	4	753-04	20	12760	28	3408C	22	7406C 7410C	25 25	9595 9699	4		
0	16	753-06	20	1336	26 27	3409C 3411C	22 22	7606C	21	9708	6		
3120 9125	25 25	754 755	20 20	1400 1403	27	3413C	23	76/180	21	9712	6		
1315	25	Thinks.	211	1,011.5	201	34100	6.54	1 501 1507 507	the contract of the contract o	to the last			

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